

II. SPECIFICATION AMENDMENTS

Please amend the Title as follows:

~~Sensor Apparatus, Measuring System and Method of~~
Calibration Power Measurement System

Please amend paragraph [0043] on page 12 as follows:

[0043] Referring to Figure 4, a sensor verification procedure can be employed in addition to or instead of the internal calibration procedure. In the sensor verification procedure, the processor 108 actuates, if necessary, the third switch 236 so as to ensure that the third switch 236 is closed and a temperature measurement is made by measuring the voltage across the ground pin 204 and the thermistor output pin 238. The processor 108 then, if necessary, actuates the first switch 206 to ensure (step 400) that the first switch 206 is closed and the sensor 122 is coupled to the inverting input terminal 208 of the TIA 210. Additionally, the processor 108 actuates, if necessary, the second switch 226 and the two-way ~~switch 122~~ switch 222 to disconnect the voltage divider from, and connect (step 402) the variable input voltage pin 224 to, the non-inverting input pin 220 of the TIA 210.

Please insert the following on page 13, line 14:

What is claimed is: